

Greater Pittsburgh Community Food Bank Duquesne, Pennsylvania



LEED™ 1.0 Certification:
SILVER

Notes from the Project Team: *LEED™ encouraged an integrated design team approach to the building, which proved to result in a superior green building.*

- ☐ **Sustainable Sites**
 - **Site Selection:** *Reclamation of former Brownfield industrial site*
 - **Resource Protection:** *Low water and low maintenance landscape design with indigenous species*
- ☐ **Water Efficiency**
 - **Water:** *Municipal Source*
 - **Storm/Waste Water:** *Bioretention used for storm water.*
- ☐ **Energy and Atmosphere**
 - **Domestic Hot Water:** *Gas*
 - **Energy:** *Exceeds ASHRAE/IES Standard 90.1-1989 by 28%*
 - **HVAC:** *Passive Coding with operable windows and volume*
 - **Controls/Monitoring:** *DDC for HVAC and lighting sensors*
 - **Power Source:** *Electric and gas*
 - **Lighting:** *Highbay metal halide and indirect fluorescent.*
- ☐ **Materials and Resources**
 - **Structure:** *Building structural pad made with industrial by-products*
 - **Envelope:** *Insulated pre-engineered steel panels*
 - **Furniture:** *Reduced station size to allow communal space, low partitions. System is recycled from another use.*
- ☐ **Indoor Environmental Quality**
 - **Low Emitting Materials:** *Chemically benign interior finishes, advanced construction IAQ Plan used.*
 - **Specialties:** *Warm season grass/wildflower groundcover that now supports songbirds and other arrivals. "Kan Kruncher" that extracts food products from cans for feeding animals. Edible plants.*

Owner: Greater Pittsburgh Community Food Bank

Project Team:

Architect:	Gardner + Pope Architects
Engineer:	Ray Engineering
Contractor:	P.J. Dick
Consultant:	Clearview Project Services, Inc. and Conservation Consultants, Inc.

Building Statistics:

Completion Date:	November, 1999
Cost:	\$5.8 M
Size:	95,000 gross square feet
Footprint:	95,000 square feet
Construction Type:	Pre-engineered steel
Use Group:	Warehouse, distribution center, office
Lot Size:	10 acres
Annual Energy Use:	114 kBtu/sf/year
Occupancy:	80 staff